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PATENT Attorney Docket No. 186208/RFT Client Matter No. 455569-14

## UNITED STATES PATENT AND TRADEMARK OFFICE

Frederic Colland, et al.

Int'l Application No.: PCT/EP03/07399

Int'l Filing Date: July 8, 2003

U.S. Application No.: 10/520,712

For: TCF/β Regulated Genes for

Treatment of Cancer

Examiner:

TBA

Group Art Unit:

TBA

Confirmation No. 2640

**CERTIFICATE OF MAILING** 

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Victoria Linne Poulsen

## INFORMATION DISCLOSURE STATEMENT

Signed

Commissioner for Patents P. O. Box 1450 Alexandria, Virginia 22313-1450

In satisfaction of the duty of disclosure under 37 C.F.R. § 1.56, and in accordance with the provisions of 37 C.F.R. §§ 1.97 and 1.98, Applicants wish to draw the attention of the U.S. Patent and Trademark Office to the references cited on the accompanying form PTO/SB/8A. In accordance with 1287 Off. Gaz. Pat. Office 163, 10/19/2004, no copies of U.S. patents and U.S. published applications are enclosed. Copies of foreign patents and non-patent literature[, unless indicated otherwise below,] are enclosed.

Further, in accordance with the provision of 37 C.F.R. §§ 1.97(c) and 1.97(e)(1), the undersigned certifies that references A1, B1-B11, and C4, C6, C8, C9, C11-C13, C15-C17, C19, C23, C24, and C26 listed on the enclosed form PTO-1449 were cited in the International Search Report dated September 11, 2003, for a counterpart PCT application. A copy of the International Search Report for the counterpart PCT application is enclosed herewith.

Although Applicant does not believe any additional fees are due, the Commissioner is hereby authorized to charge any such fees, including extension fees, or credit any overpayment to Deposit Account No. 50-2319 (Our Order No. 186208/US/2/RFT [455569-14]).

Respectfully submitted, DORSEY & WHITNEY LLP

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	U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	A1	US-2003235910	12-25-2003	Monia et al.		
	A2	US-				
	A3	US-				
	A4	US-				
	A5	US-				
	A6	US-				
	A7	US-				
	A8	US-				
	A9	US-				
	A10	US-				

	FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code <sup>2</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵
	B1	WO 0050588	08-31-2000	Incyte Pharma, Inc.		
	B2	WO 0070076	11-23-2000	Human Genome Sciences, Inc.	,	
	В3	WO 0073801	12-07-2000	Ludwig Inst Cancer Res		
	B4	WO 0198350	12-27-2001	Chiron, Inc.		
	B5	WO 0200939	01-03-2002	Diaexus, Inc.		
	B6	WO 02051438	07-04-2002	Max Planck Gesellscaft		
	B7	WO 02084294	10-24-2002	Axxima Pharameceuticals AG		
	B8	WO 0229103	04-11-2002	Gene Logic Inc.		
	В9	WO 03000928	01-03-2003	Mortensen Shila		
	B10	WO 9528484	10-26-1995	Amgen, Inc.		
	B11	WO 9948921	09-30-1999	Stanford		

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	Application Number	4017007740
		10/520/712
URE	Filing Date	July 8, 2003
ANT	First Named Inventor	Colland, et al.
	Art Unit	To be assigned
(use as many sheets as necessary)		To be assigned
3	Attorney Docket Number	Docket 186208 US 455569-14
-	3	3 Attorney Docket Number

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	C1	Bohm, "The computer program Ludi: A new method for the de novo design of enzyme inhibitors", J. Comp. Aided Molec. Design, 6:61-78	
_	C2	Chen & McCormick, "Selective Targeting to the hyperactive β-catenin/TCF pathway in colon cancer cells", Cancer Res. 2001 61:4445	
	С3 .	Elbashir et al., "Duplexes of 21-nucleotide RNAs mediate RNA interferences in cultured mammalian cells", <i>Nature</i> 411: 494-498, 2001	
	C4	Florian et al., "Cellular and subcellular localization of gastrointestinal gluthione peroxidase in normal and malignant human intestional tissue, <i>Free Radical Research</i> , December 2001, vol. 35, no. 6, December 2001, pps. 655-663	
	C5	Fuerer & Iggo, "Adenovirus with TCF-binding sites in multiple early promoters show enhanced selectivity for tumor cells with constitutive activation of the Wnt signaling pathway", Gene Ther. 2002 9:270	
	C6	Harada et al., "Introduction of antisense CD445 CDNA down-regulates expression of overall CD44 isoforms and inhibits tumor growth and metaitis in highly metastic colon carcinoma cells" <i>Intenrational Journal of Cancer</i> , January 1, 2001, vol. 91, no. 1, pps. 67-75	
	C7	Herzig et al., "Recent advances in cancer research: mouse models of tumorigensis", BBA-Reviews on Cancer, Elsevier Science BV, Amersterdamn, NL., vol. 1602, no. 2, 21 June 2002, pps. 97-113	
	C8	Holder et al., "Eph receptors and ephrins: Effectors of morphogenesis" <i>Development</i> vol. 126, no. 10, May 1999, pps. 2033-2044	
	C9	Jones et al., "Molecular Recognition of Receptor Sites Using a Genetic Algorithm with a Description of Desolvation" (1995) J. Mol. Blol., 245: 43-53	
	C10	Kataoka et al., "Expression profile of EFNB1, EFNB2, two ligands of EPHB2 in human gastrtic cancer" Journal of Cancer Research and Clinical Oncology, vol. 128, no. 7, July 2002, pps. 343-348	
	C11	Kelner et al., "Structural organization of the human gastrointestinal gluthione peroxidase (GPX2) promoter and 3'- nontranscribed region: transcriptional response to exogenous redox agents", <i>Gene, Elsevier Biomedical Press</i> , vol. 248, no. 1-2, May 2000	
	C12	Kiyakawa et al., "Overexpression of ERK, an EPH family receptor protein tyrosine kinase, in various human tumors" Cancer Research ISSN 008-5472, vl. 54, no. 14, 1994, pps. 3645-3650	
	C13	Lipinski et al., " High level β-catenin/TCF dependent transgene expression in secondary colorectal cancer tissue" ", <i>Mol. Ther.</i> 2001 4:365	
	C14	Mariadason et al. "Down-regulation of beta catenin TCF signaling is linked to colonic epithelial cell differentiation" Cancer Research 15 April 2001, vol. 61, no. 8, pps. 3465-3471	
	C15	Moerk et al., "Inverse MRNA Expression of the Selenocysteine-containing proteins GI-GPX and SEP in colorectal adenomas compared with adjacent normal mucosa" Nutrition and Cancer, vol. 37, no. 1, 2000, pps. 1089-116	
	C16	Naishiro et al., "Restoration of epithelial cell polarity in a colorectal cancer cell line by suppression of beta- catenin/T-cell factor 4-mediated gene transactivation", Cancer Research, 15 March 2001, vol. 61, no. 6, pps. 2751-2758	
	C17	Nicholls et al., "Protein Folding and Association: Insights from the Interfacial and Thermodynamic Properties of Hydrocarbons", Structure, Function and Genetics, (1991) 11:281-283	
	C18	Oving et al., "Molecular causes of colon cancer" Euoropean Journal of Clinical Invesigation England, vol. 32, no. 6, June 2002, pps. 448-457	

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	C19	Schwartzberg, "Clinical experience with ederecolomaoab: a monoclonal antibody therapy for colorectal carcinoma", Crit. Rev. Oncol. Hemtol., 40:: 17-24, 2001			
	C20	Su et al., "Multiple intestinal neoplasia caused by a mutation in the murine homologue of the APC gene", Science 256: 668-670			
•	C21	Tetsu et al., "β-catenin regulates expression of cyclin D1 in colon carcinoma cells", Nature 398: 422-426			
	C22	Vogt et al., "Eph-receptor tyrosine kinase profiles malignant melanomas at a glance: cDNA miniarray discloses expression profiles indicative for redundant autocrine loops", <i>Proceedings of American Association for Cancer Research</i> , No. 41, March 2000, page 788			
	C23	Wielenga et al., "Expression of CD44 in Apc and Tcf mutant mice implies regulation by the WNT pathway:, American Journal of Pathology, vol. 154, no. 2, February 1999, pps. 515-523			
	C24	Yamato et al., "Overexpression of Orphan G-Protein-Coupled Receptor, Gpr49, in Human Hepatocellular Carcinomas with β-Catenin Mutations" <i>Hepatology</i> , 2003, 37: 528-533)			
	C25	Zou et al., "An Eph Receptor regulates integrin activity thorugh R-Ras" Proceedings of the National Academy of Sciences of the United States, 23 November 1999, pps. 13813-13818			

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